**Name: Srirupa Guha**

**Date**: September 1, 2020

**Course**: IT FDN 110: Introduction to Programming (Python)

**Assignment**: 8

**Title**: Classes, Attributes and Methods

**Introduction** –

This week we learned various text file commands for reading, writing, appending, etc., as well as the readline() function which is a convenient way to read files either one line at a time or several lines. We also learned about binary files and the Pickle class used for dealing with binary files, such as “dumping”, which is a memory dump into a binary file (.dat). Finally, we learned about structured error handling, situations where errors may occur and how to catch them and display information about the errors to the user.

**Classes**

**Attributes**

**Methods**

Ultimately, I put all this knowledge to test and wrote and executed my Python program:

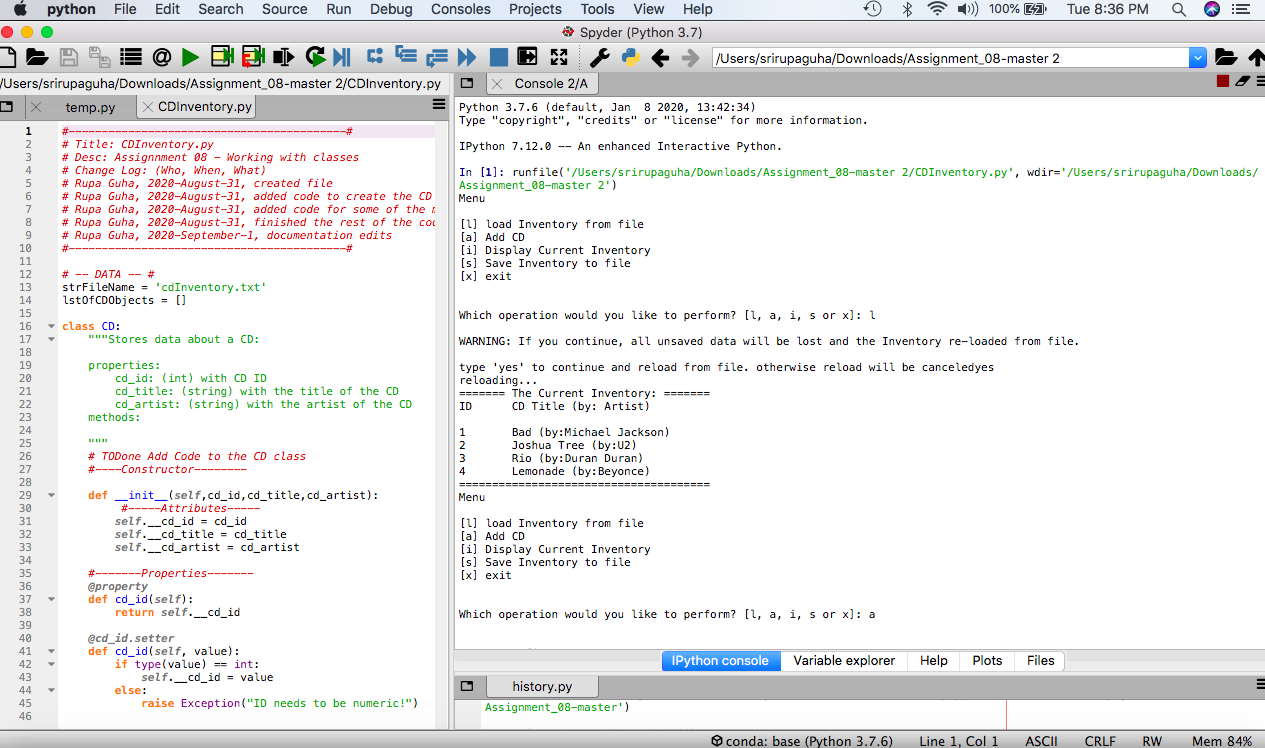


Figure Page 1 of Program in Test

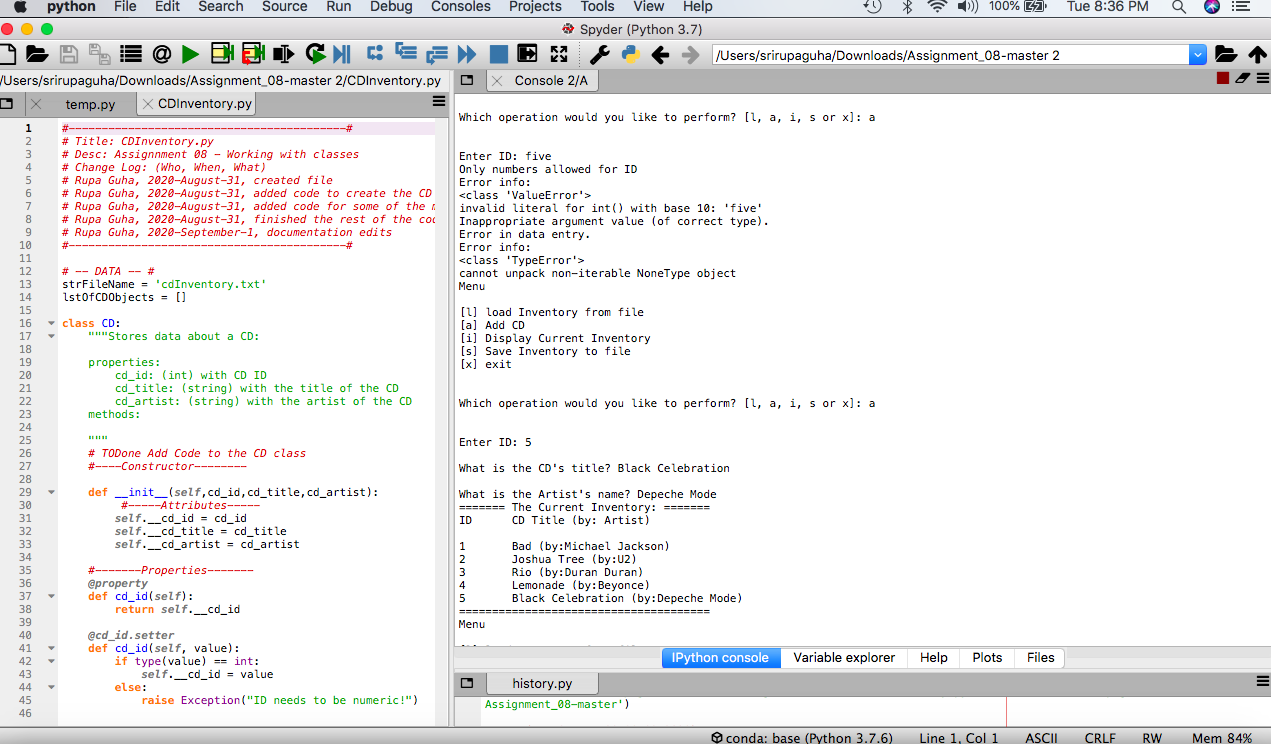


Figure Page 2 of Program in Test

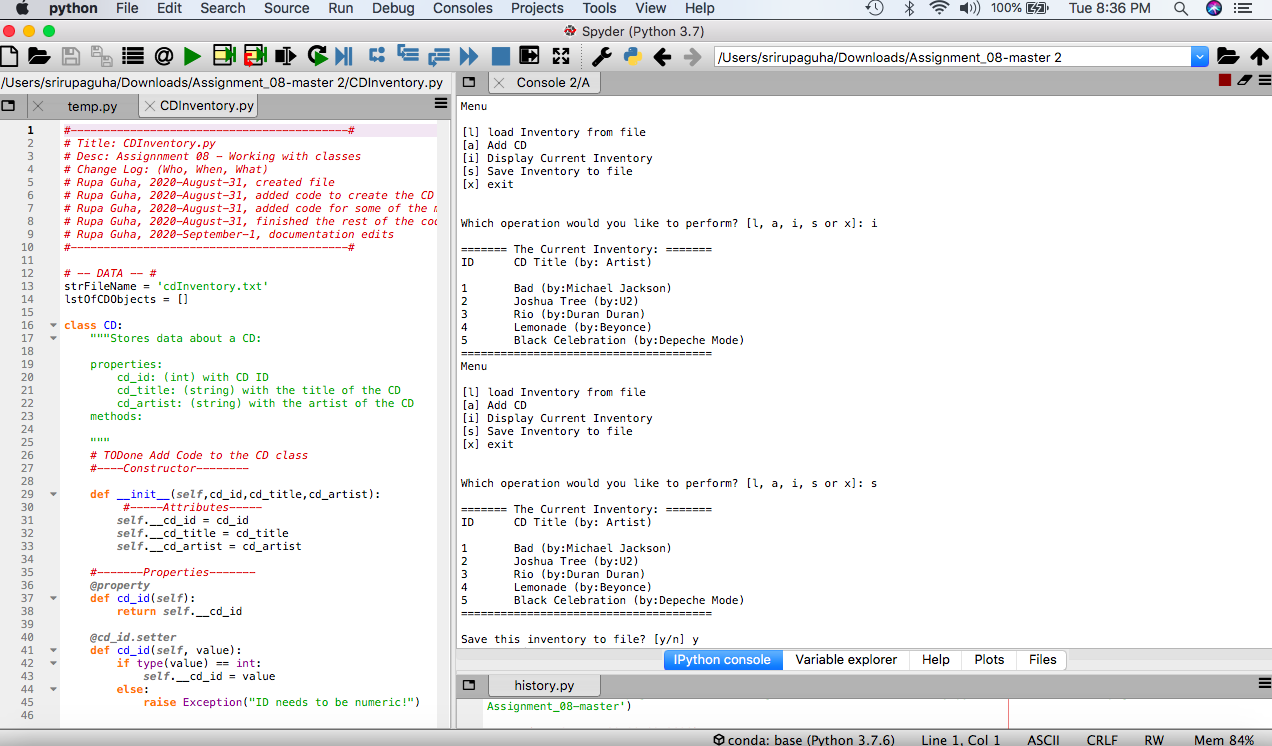


Figure page 3 of Program in Test

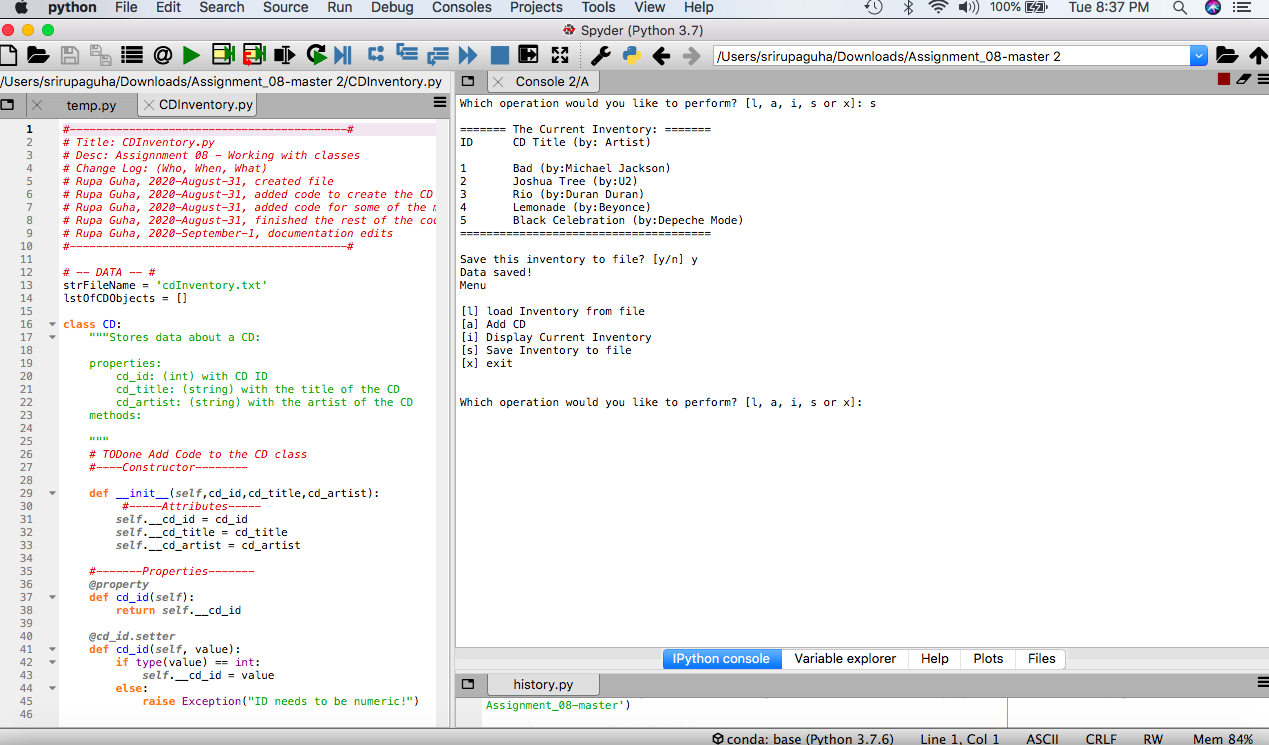


Figure Final Page of Program in Test

**Summary**

Finally, this week we learned various text file commands for reading, writing, appending, etc., as well as the readline() function which is a convenient way to read files either one line at a time or several lines. We also learned about binary files and the Pickle class used for dealing with binary files, such as “dumping”, which is a memory dump into a binary file (.dat). Finally, we learned about structured error handling, situations where errors may occur and how to catch them and display information about the errors to the user.

**Appendix**

The Python assignment code for this week: